

APPENDIX C

INSPECTION AND ACCEPTANCE OF STREETS

1.0 GENERAL RULES FOR CONSTRUCTION PHASE INSPECTIONS

1.1 Pre-Construction Meeting

The Contractor for the developer shall arrange a meeting to be held prior to construction activity. Those attending shall include, but not be limited to, the Town Road Agent, Consulting Engineer, Contractor's representative and the Engineer for the developer. The purpose of this meeting is to review the project construction schedule, items of special concern and the schedule for inspections and material testing. This will also be an opportunity for the Contractor to clarify any issues relative to construction techniques or details.

1.2 Inspections

Each of the following operations shall be completed, inspected, and approved before the next step is begun.

- a. After clearing, stumping, grubbing and mulch removal; all work prior to subgrade construction.
- b. After subgrade has been completed.
- c. After the underground utilities and drainage have been completed. (No work is to be covered until inspection is completed.)
- d. After application of the gravel, prior to placing crushed gravel.
- e. After application of the crushed gravel, prior to paving.
- f. Hot bituminous pavement application shall be continuously monitored.
- g. Final inspection after cleanup.

NOTE: It is suggested that the General Contractor at the subdivision contact the Consulting Engineer before construction to discuss inspection procedures, construction specifications, material testing program and any other details relating to the construction and inspection of the subdivision roads.

2.0 DETAIL OF REQUIRED INSPECTIONS

- a. Inspections 1.2 a, 1.2 b, and 1.2 d shall be visual inspections by the Planning Board's Agent and/or the Board.
- b. For inspection 1.2 c, the subdivider shall cause to have prepared, by a competent engineer or surveyor, as-built plans showing the location, invert, and top grade of all drainage structures and other underground public utilities, the centerline street grades on 50 foot stations, to the nearest 0.1 foot. This information shall be inked and ringed on the original drawings, and corrected as-built reproducible and two prints submitted to Consulting Engineer for inspection and approval. The as-built plans shall carry the signed certificate of the subdivider's NH Licensed Land surveyor, attesting that the survey and results reported are in conformity with these regulations.

- c. Prior to roadway acceptance the subdivider shall cause to have prepared as-built plans, described in 2.0 b above, showing all street centerline and ditch grades to the nearest 0.01 foot on 50 foot stations.
- d. For inspection 1.2 g, the Planning Board's Agent shall conduct a survey in such detail as is required to determine precise conformity with the requirements under these regulations, and to determine that all of the improvements are clean and in good order.

NOTE: The Consulting Engineer may require that material testing be conducted to verify that the specified roadway materials have been furnished and constructed according to specifications. Material testing may proceed at the maximum rate of one test sample (for quality and compaction determinations) per item per 200' of roadway, one test per pipe culvert or pipe section between basins, and at other locations as required. These tests are to be performed by an approved, independent materials testing contractor. The test results shall be mailed directly to the Consulting Engineer, and the cost of such testing shall be borne by the subdivision applicant. Repeated testing for material that fails to meet specifications shall be required.

3.0 CLEANUP

Before acceptance, a street shall be cleaned up, by hand if necessary, to make sure that it shall be left in a neat and presentable condition.

4.0 ACCEPTANCE OF ROAD WORK

The road performance guaranty may be released only after the completion of all required improvements, final inspection, final approval, the submission by the subdivider of all required as-built drawings, and the delivery to the Town of a fully executed Warranty Deed for all right-of-way for public use, all necessary easements and all required improvements within the right-of-way.

Particular attention shall be paid to the following:

- a. Shoulders shall be of the required width and of the proper cross slope.
- b. Shoulders shall be brought to the required pitch.
- c. Ditches shall be of the required depth and grade to drain and shall be free of obstructions and constructed with the proper erosion protection measure.
- d. Stones shall not be left lying on shoulders or in ditches.
- e. All construction stakes, dead brush, rubbish, etc., shall be removed from within the limits of the right-of-way.
- f. All rights-of-way and property line monumentation shall be properly constructed with approved materials and accurately located as shown on the approved plans. The as-built plans shall carry the signed certificate of the subdivider's NH Licensed Land surveyor, attesting that the monuments have been constructed in conformity with these regulations.